Press Release
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HEAD acoustics Implements the Zoom Audio Specification as a New ACQUA Standard

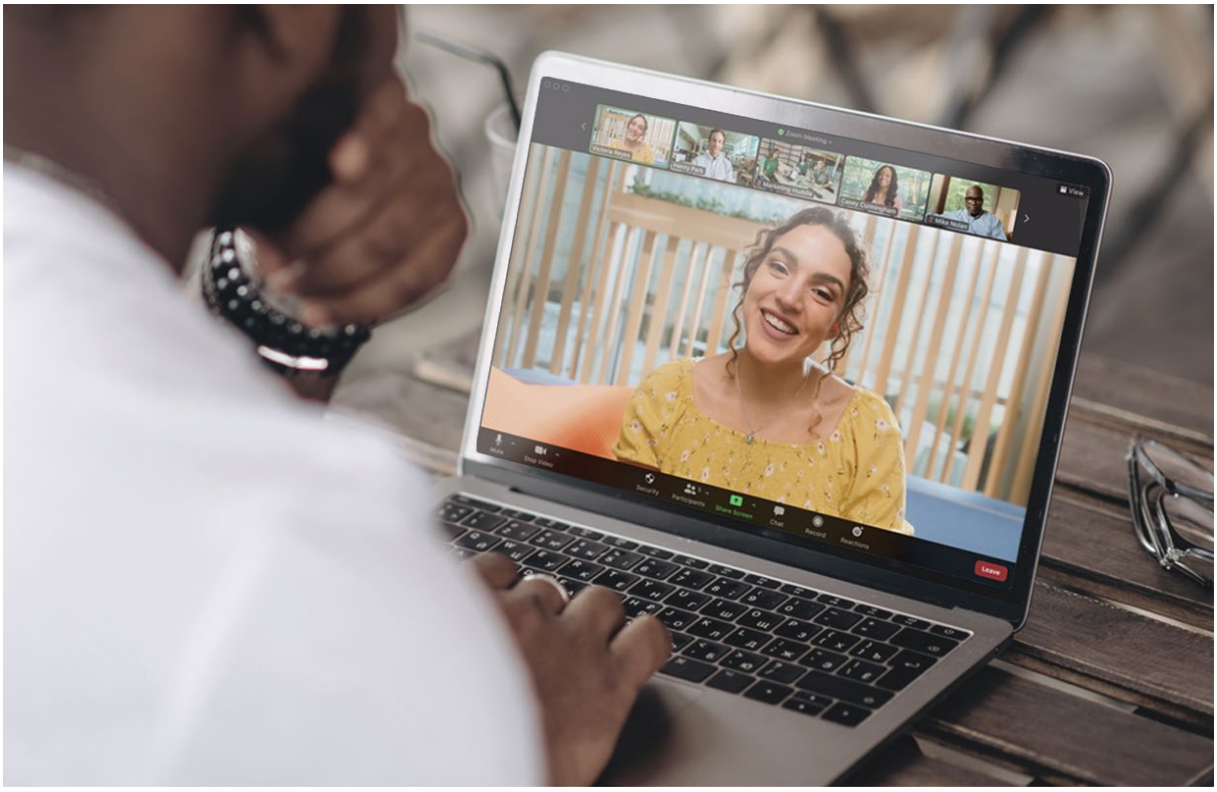
HEAD acoustics has developed and implemented a Zoom Audio Database based on the Zoom Audio Certifications as a Telecom Standard for the HEAD acoustics ACQUA test system and as part of the sophisticated HEAD acoustics audio testing solution.

Zoom is an acclaimed and versatile platform for professional collaboration and communication in the office and at home. Unimpaired and crystal-clear speech quality in Zoom meetings is key to making online communication smooth and effortless.

To ensure an optimal communication experience in Zoom meetings, Zoom Video Communications Inc. provided test specifications focused on usability-oriented characteristics such as speech quality, signal-to-noise ratio, echo, and delay.

The tests implemented in the ACQUA standard Zoom Audio allow efficient, automated testing of communication devices for Zoom Meetings and Zoom Rooms, such as headsets, personal- and group speakerphones, pro-grade microphones, and installed conferencing systems according to Zoom specifications.

The instrumental tests laid out in each specification mimic close-to-life situations typical for the respective device type. They assess its functionality, communication quality, and operation robustness during communication. This is examined for sending and receiving directions and, where appropriate, in the presence of background noise typical for the respective environment. Such tests are the basis for flawless communication quality and a good user experience.



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Key features

- Comprehensive automated test suite for the measurement and evaluation of communication devices for Zoom
- All tests are automatable and fully repeatable with a realistic background noise simulation
- Supports all device types laid out in the Zoom specifications
    - Zoom Meetings – Headsets
    - Zoom Meetings – Speakerphone
    - Zoom Meetings – Pro Microphone
    - Zoom Rooms – Speakerphone
    - Zoom Rooms – Pro Audio

The Zoom Audio Database is solely for use by Zoom Certified Program Participants[1]*.*

Please contact us at sales@head-acoustics.com

About HEAD acoustics

HEAD acoustics GmbH is one of the world's leading companies offering holistic sound and vibration analysis solutions. In the telecom sector, the company enjoys global recognition due to its expertise and pioneering role in developing hardware and software for measuring, analyzing, and optimizing voice and audio quality, as well as customer-specific solutions and services. HEAD acoustics' range of services covers sound and vibration engineering for technical products, investigation of environmental noise, speech quality engineering, training, and support. The medium-sized company from Herzogenrath near Aachen has subsidiaries in China, France, India, Italy, Japan, South Korea, the UK, the USA, and numerous sales partners worldwide.

[1] **"Zoom Certified Program Participant" means a company that has been formally authorized (e.g., applied, accepted, and onboarded) by Zoom to submit its products for certification under the Zoom Certified Program.*

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